

FREQUENTLY ASKED QUESTIONS (FAQ'S)

The following are questions received on this project and the respective answers furnished by the Government. This is for clarification purposes only. Answers given shall not qualify the terms of the solicitation unless an amendment is issued. Amendments issued which addresses any of these questions will supersede the answers listed below.

Question: There are hundreds of yards of concrete to be removed at the Gate 9 (Sydney Gate) sill and recesses. Specification 02000-3.2.2 limits the contractor to 35 lb hammers to accomplish this task thus making this an especially time consuming activity and undoubtedly placing it on the critical path for the project. It would expedite project completion if this concrete removal were done concurrently with replacement of other gates. Specification 01100-3.1.2.2 indicates that two gates may be taken out of service at any one time but at no time shall two gates be completely removed from their bays. If the contractor performs the concrete removal with the Sydney Gate still in the gate bay and concurrently begins removal of another gate, will the intent of Specification 01100-3.1.2.2 be satisfied, i.e. two gates disabled but only one removed from its bay?

Answer: The concrete removal quantity for the Sydney Gate sill and the two (2) plugged gate recesses of Piers 10 and 11 is approximately 350 yrd³. Specification 02000, Paragraph 3.1.1 provides the means of mass removal of concrete including wire sawing and line drilling with hydraulic rock splitters.

The contractor may not remove a gate (any one gate of Gates 10 through 14) and demo the sill of the Sydney Gate (Gate 9). This would violate the Specification 01100, Paragraph 3.1.2.2 and is not permitted. Removing the Sydney Gate sill would compromise the ability to prevent flow in Gate Bay 9 in the event the emergency bulkhead is needed for an emergency in the Back Channel Dam or the Main Channel Dam.

Question: The final question/answer in Amendment 1 refers to Reference Drawing O-LEM-40/24A.2, Section A-A. The CD does not contain a drawing by that number. There is what appears to be a Drawing O-LEM-40/24 but the complete drawing does not appear on the CD and there is no Section A-A on the part of 40/24 that does appear. Please review and advise.

Answer: Although the file name provided for the subject drawing is shown as O-LEM-40/24, if you print the file and look at the drawing number, it is O-LEM-40/24A.2. The file was retrieved properly using Maxview program provided on the Solicitation CD provided to the Contractors.

Question:

Clarification of the following item(s) is requested:

Truck Wheels, Drawing # 565-90, Mark - 90

Material specified is Cast Steel A148 Gr. 210 - 180

(Tensile = 210,000PSI, Hardness = 415BHN)

This alloy is almost impossible to cast and meet the required properties.

May we substitute:

Forged steel 4340 Quenched and tempered

(Tensile = 182,000PSI, Hardness = 302BHN)

After machining flame harden tread surface to 415BHN

Answer: The material for the wheels has been changed for the upcoming amendment 0002 from ASTM A148 Grade 210 - 180 as currently specified to ASTM A148 Grade 150 - 135. Bid ASTM A148 Gr. 150 - 135 cast steel, not 4340 forged steel.

Question: Detail 1-S1024 on Drawing S-5032 indicates 1" diameter bolts with 36" embedment to be drilled and grouted as part of the Machinery Frame installation. We can find no reference to this detail on any of the Machinery Frame or Machinery Building Plans. Please clarify where Detail 1-S1024 is applicable.

Answer: Detail 1/S-5032 is referenced in a note on Sheet S-1018. Additional references will be shown in amendment no. 2.

Question: Please clarify the machinery frame bearing plate details. Drawings S-5020 and S-5027 refer to Detail 5 on S-5021 for bearing details. The title of Drawing S-5021 would indicate the details on this drawing are for Piers 10 and 16 but the reference to this drawing on S-5027 appear to indicate these details are typical for all piers. Please clarify Detail 5:

Answer: Detail 5/S-5021 applies to all piers. Sheet title for S-5021 and references will be clarified in amendment no. 2.

Question: Are the upper base plates and lower base plates in Detail 5 supposed to be the plates shown in Details 1 through 4 on S-5021?

Answer: Base plates referenced in Detail 5 refer to upper and lower base plates indicated in Detail 1 through 4/S-5021. The existing base plates are to be reused and this will be clarified in amendment no. 2.

Question: The leader pointing to the top of the concrete in Detail 5 has no note associated with it.

Answer: This will be corrected in amendment no. 2 to indicate existing concrete.

Question: Please clarify the field welding shown in detail 5.

Answer: The welding is to install a plate to resist sliding of the upper base plate relative to the lower base plate in the “bank-to-bank” direction. Additional clarification will be provided in amendment no. 2.

Question: Is it not the intent to supply new machinery frames and upper base plates and install them on the existing lower base plates?

Answer: New machinery beams shall be provided and installed. Amendment no. 2 will clarify that the existing upper and lower base plates are to be reused.

Question: Drawing S-5010 details a platform and ladder to go at EL 745.75 at Piers 11, 13 and 15. The mechanical drawings (M-8006 and M8007) appear to indicate platforms and ladders at Piers 10, 12, 14 and 16 as well. Please clarify.

Answer: Platforms and ladders shall be added to piers 10, 12, 14, and 16 for a total of 7 piers. Amendment no. 2 will clarify.